Bonneville Cutthroat coordination meeting
Idaho Department of Fish and Game
March 12,2003

PLANS FOR 2003

Bear Lake system

1. Count and transport Bear Lake cutthroat trout to safe spawning habitat above the lower diversions.
2. Estimate population density of cutthroat parr in St. Charles Creek to see if there has been an increase in density as a result of spawners transported to upper St. Charles Creek in the spring of 2002.
3. Through the collaborative problem solving process, prevent loss of fish into imgation diversions and maintain enough instream flow to support fish populations and their migrations. Reduce number of potential interbreeding rainbow trout predator/competitor brook trout in St. Charles Creek.
4. Look into the possibility of leaving irrigation water in Fish Haven Creek in trade for letting the former irrigator and now developer pump ground water for domestic use. If this effort is successful, renovate to remove brook trout and encourage restoration of the cutthroat population through natural migration and/or stocking.
5. Continue the research necessary to produce sterilized lake trout for Bear Lake as a means of maintaining a long-standing sport fishery without threatening the native and endemic species.
6. Continue working with Pacificorp to maintain the migration corridor for pre-spawn cutthroat trout to cross the sand-flat created by draw down of Bear Lake.

Bear River and its tributaries

1. Consider transfer of genetically pure BCT from nearby streams to Sleight Creek, near Paris, Idaho to re-establish a population of BCT. The potential donor populations have been The decision will be dependent on adequate flow in Sleight Creek.
2. Conduct population estimates and collect fin-clips for genetic analyses from at least six Bear River tributaries downriver from Grace Dam.

NEVADA DIVISION OF WILDLIFE
BONNEVILLE CUTTHROAT TROUT 2003 PLANNED ACTIVITIES
WHITE PINE COUNTY, NEVADA

WATERS	ACTIVITY	COMMENTS
All Nevada BCT waters	Completion of the ***Conservation Agreement and Strategy for Bonneville Cutthroat Trout in Nevada***	Will be completed in spring of 2003.
Hendry's Creek, Hampton Creek, Pine / Ridge Creeks, Smith Creek, and Deadman Creek ·	BCT population surveys	Previous pop. estimates for all BCT streams were completed in 1998. Pop. surveys run on a five-year cycle to document status and distribution of BCT.
Big Wash	Eradication evaluation survey	Was chemically eradicated in 2001 with rotenone. 2002 surveys found no fish. A survey of Big Wash will be completed prior to BCT re-introduction.
Snake Creek	Eradication evaluation survey	Was chemically eradicated in 2002 using Antimycin. Will assist Great Basin National Park in post-treatment evaluation
Big Wash, Snake Creek, Deep Canyon Creek	Reintroduction of BCT	Dependent on post treatment evaluation surveys and availability of suitable donor population.
Strawberry Creek, Deadman Creek, Smith Creek	Augmentation of existing BCT population	Dependent on selection of donor population and availability of fish.
Deep Canyon Creek	Summertime temperature monitoring	Temperature recording thermographs will be set to ascertain maximum temperature and habitat availability for BCT.
Hampton Creek	GAWS survey	It is desired to establish a baseline comprehensive habitat survey of all BCT waters. GAWS surveys have been completed on Smith, Deadman, Deep Canyon, and Big Wash in recent years.

Great Basin National Park
2003 BCT Activities

1. Shock Snake Creek twice more to ensure that Aug. 2002 treatment was successful

2. With NDOW cooperation, put BCT into Snake Creek in Sept.

3. Continue monitoring South Fork Baker Creek and remove any non-natives above the barrier.

4. Monitor BCT populations in South Fork Big Wash and Strawberry Creek to check on reproductive success. Depending on results, consider supplemental reintroductions.

5. Monitor BCT spawning on Mill Creek.

6. Collect additional macroinvertebrate samples from Snake and Strawberry Creeks to get data for rotenone/antimycin comparison.

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Donald *A.* Duff
National Partnership Coordinator

MEMORANDUM

USDA Forest Service
8236 Federal Building
125 South State Street
Salt Lake *City*, UT 84138
(801)524-3945 Fax 524-3172

March 12,2003

Subject: Bonneville cutthroat work in 2003 by TU & Partners, UT/NV

To: Tom Pettingill, Chair
BCT Conservation Team
Utah Division of Wildlife Resources

Dear Tom:

Trout Unlimited Chapters will continue to be involved with State & Federal agencies in Utah & Nevada in 2003 in BCT activities. The TU National Embrace-a-Stream grant program has approved funding for BCT projects in the West Desert (Goshute Project) by Utah Council and Great Basin chapter (GBCTU), and in Nevada (Southern Great Salt Lake Desert, UT/NV) by the GBCTU and Deep Creek Mountain Ranch (DCMR).

Project works continue for BCT restoration on the Goshute Reservation with the US FWS, TU (GBCTU & Utah Council), UDWR, NDOW, NRCS, USFS, EPA, DCMR, and UBWQ. A workweek is scheduled for March 24-28 to maintain spawning channels on Spring Creek and Fifteenmile Creek. TU National's large watershed native trout research by Dr. Amy Harig (TU) and Warren Colyer (TU/USU) will continue during the summer/fall period to monitor numbers of tagged BCT in Fifteenmile & S. Fk. Johnson (SFJC) Creeks subbasins to determine recruitment into a prior fishless subbasins. Bird's Creek, which was renovated in fall 2002, will have BCT reintroduced by use of the Coleman cooler egg incubators. Monitoring will begin to assess recruitment of BCT into this small subbasin. The two remaining streams Sam's and Steve's Creeks will be renovated in 2003 completing the west side of the Deep Creek Range. This will complete the initial restoration of the BCT in the Deeps making it completely a BCT mountain range, a precedent setting accomplishment. TU/DCMR will continue water temperature and habitat monitoring on all these streams. Spawning of BCT on the Reservation and DCMR will probably take place in May with UDWR and FWS assisting. Streamside incubation units will again be used to enhance BCT reintroduction efforts on the Reservation & DCMR programs.

TU plans to recruit & fund Stream Guards from Tribal youth for the summer to train them in aquatic education & to monitor BCT project activities. Ancillary activities for BCT continue on the DCMR (Buck Douglass) to maintain the existing 3 brood ponds and a spawning channel and a newly constructed 4th pond and spawning channel with grant funds from UDWR, NRCS, TU, and FWS. BCT will be used for these ponds to continue reintroduction by UDWR into the east slope Deep Creek Mountain streams, i.e. Granite Creek, Indian Farm, and Basin Creeks.

The Utah Council TU will continue BCT habitat restoration works on City Creek and Little Dell Creeks. A NFWF grant will fund TU & agency works for this ongoing project on City Creek. Streamside incubators will be placed in Little Dell and Lamb's Creeks in cooperation with UDWR and the SLC Corporation (Dept. of Public Utilities) this spring.

The Great Basin chapter (GBCTU) Baker, NV will continue BCT restoration work in the Wheeler Peak Range with partners Humboldt-Toiyabe National Forest (HTNF), BLM-Ely, NDOW, DCMR, the Hidden Canyon Guest Ranch HCGR-Robin Crouch), and Great Basin National Park (GBNP). A BCT brood pond & 200-foot spawning channel was completed in fall 2002 on Big Wash Creek on the HCGR/HTNF and awaits a BCT transplant by the NDOW this spring. Habitat improvement work will continue to enhance habitat in preparation for BCT reintroduction by NDOW. Interagency genetics analysis (by Univ. MT and BYU) is expected to be completed in 2003 to determine donor stock for NDOW uses in BCT restoration.

TU in Utah & Nevada is continuing to assist agencies in BCT restoration activities with volunteers and funding opportunities. I continue to coordinate these efforts for TU with agencies through our USFS/TU National Partnership Program.

Best regards,

Don Duff

Donald A. Duff
Senior Aquatic Ecologist

Management Activities on the Confederated Tribes of the Goshute Reservaion

Stream	Miles of effective habitat	Species present	Management Actions taken (1995 - 2001)	Activities in 2002	Activities planned for 2003
Bird Creek	4	RBT*	- 1 mile fenced in 1997 - willows planted along banks	- treated with Rotenone	- electrofishing survey to check effectiveness of rotenone treatment - re-treat with rotenone if necessary - BCT stocking using streamsisde incubation
Dad's Creek	2	BCT	- treated with rotenone in 1998 - entire stream fenced in 2000	- supplemental Stocking of BCT - population survey	- 'supplemental BCT stocking from Spring Creek to continue
Fifteenmile Creek	11	BCT	- broodstock pond constructed - treated with rotenone in 1998 - spawning habitat improvement - spawning channel fenced - BCT stocked in 1999 and 2000 - entire stream fenced in 2000 - streamside incubation	- supplemental stocking of BCT - population survey	- continue supplemental BCT stocking from Spring Creek - streamside incubation
Sam's Creek	4	RRT	- none	- none	- possible rotenone treatment
Spring Creek	4	BCT	- broodstock pond constructed - treated with rotenone in 1997 - stocked with BCT in 1997 - upper 1 mile fenced - spawning channel enhancement - instream habitat improvement on 1 mile - streamside spawning and incubation	- cattle guard installed - fence repair - instream habitat improvements on ¼ mile section - streamside spawning and incubation - population surveyed - wind powered aerator added to improve water quality in pond	- egg collection and streamside spawning to continue
South Fork of Johnson	2	BCT	- treated with rotenone in 2000 - stocked with BCT in 2000	- population surveyed	
Steve's Creek	5	RBT	- broodstock pond enhanced	- none	- possible rotenone treatment

WYOMING
Bonneville Cutthroat Conservation Actions – 2002
Summary Report

Conservation actions completed during the calendar year 2002 include population surveys, genetic sampling, riparian habitat improvements, and assisting University of Wyoming graduate students with various research projects. The conservation actions completed in 2002 include determining BCT demographic end life history characteristics, genetically characterizing populations of BCT, monitoring populations, describing BCT habitat requirements, enhancing and maintaining habitat, monitoring habitat quantity and quality, enforce regulatory mechanisms, and information and education program (Table 1).

Smiths Fork River, tributary to Bear River.

- Sampled in October to monitor the BCT population.

Poker Hollow Creek, tributary to Smiths Fork River

- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Coal (Howland) Creek, tributary to Smith Fork River.

Sampled in October to monitor the BCT population.

- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Coantag Creek, tributary to Hobble Creek (Smiths Fork River)

- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Raymond Creek, tributary to Thomas Fork River

- Sampled in October to monitor the BCT population. Thirty-four fin clips and one whole fish were collected from Raymond Creek. These samples were sent to Dr. Dennis Shiozawa at Brigham Young University for genetic testing.
  A watershed boundary fence was constructed on Raymond Creek to control livestock grazing. Raymond Creek drainage should have been rested from grazing, sheep and cattle, in 2002. However, trespass cattle were documented within the drainage.
  Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Giraffe Creek, tributary to Thomas Fork River

Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Little White Creek, tributary to Salt Creek (Thomas Fork River)

Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Water Canyon Creek, tributary to Salt Creek (Thomas Fork River)

- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Coal Creek, tributary to Thomas Fork River

- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

Little Muddy Creek, tributary to Coal Creek (Thomas Fork Drainage).

- Planted with willow cuttings at the lower livestock grazing exclosure. The fence around the entire area was repaired.

Packstring Creek, tributary to Salt Creek (Thomas Fork Drainage).

- Discharge was measured on October 24, 2002. Discharge was calculated at 1.33 cfs which exceeds the discharge specified in the instream flow permit for the month of October (0.7 cfs).

Huff Creek, tributary to Thomas Fork Drainage.

- Planted with willow clippings within the large exclosure.
- Assisted the University of Wyoming on a study to determine factors influencing BCT recruitment.
- Discharge was measured in late October at 1.24 cfs, which is just below the discharge specified (1.3 cfs) in the instream flow permit.
- Instream flow rights approved by the Wyoming State Engineer's office during 2002.

University of Wyoming.

- The University of Wyoming, through funding from the Wyoming Game and Fish Department, completed a three-year drainage-wide YOY survey. The work included determining the extent of fry survival in different watersheds and evaluating the habitat characteristics that may help influence survival.
- A research project funded by the Wyoming Game and Fish Department was initiated in June 2002. The primary goal is to assess BCT losses at water diversion structures and evaluate strategies to minimize fish mortality related to irrigation diversions. The project will be conducted on the Smiths Fork. This information will be incorporated into a habitat extension bulletin for distribution to landowners and the State Engineer's Office.

Work coordinated with Federal and Private landowners.

Coal (Howland) Creek, tributary to Smith Fork River

- Granted funds to state land lease for construction of riparian exclosure. Provided technical assistance with exclosure design

Hobble Creek, tributary to Smith Fork River.

- Provided funds and technical assistance to the USFS for the Hobble Creek road improvement project.

Huff Creek, tributary to Thomas Fork River

- **Reviewed Huff Creek head cut control project description, assisted with COE permitting.**

Table 1. The conservation actions completed for each BCT watershed within the Bear River GMU, Wyoming.

Conservation Action	Raymond	Smiths Fork River	Giraffe	Coantag	Poker Hollow	Coal	Little White	Water Canyon	Coal (Howland)	Little Muddy	Packstring	Huff	University of Wyoming
BCT population demographics and life history													X
BCT genetics	X												
Protect BCT genetic integrity													
Expand BCT distribution													
Monitor populations	X	X							X				
Describe BCT habitat requirements												X	X
Enhance and maintain habitat										X		X	
Monitor habitat quantity and quality	X										X	X	X
Selectively control nonnative species													
Enforce regulatory mechanisms	X		X	X	X	X	X	X	X		X	X	
Ensure funding for conservation measures													
Reduce social and political conflicts													
Implement information and education prograins													X

Proposed Work Activities (2003)
Bonneville Cutthroat Trout
Utah Division of Wildlife Resources
Central Region

Northern Bonneville Management Unit

Jordan River Drainage:

- **Little Dell Reservoir** - Continue disease certification. Most disease pathogens can be checked using brook trout. Ovarian fluid samples will be taken from spawning adult cutthroat trout. Cutthroat trout have been tested for disease pathogens for five years and eggs can be taken to hatcheries if fish continue to test negative for diseases. Due to increasing demand for northern Bonneville cutthroat trout we anticipate that we will be able to collect about 65,000 eggs from cutthroat trout in Little Dell Reservoir during June 2003. We will be installing a fish trap in May to allow for easy collection of spawners.

  Currently, UDWR Fisheries Experiment Station is holding about 8,000 cutthroat trout from the 2002 spawn. It is anticipated that these fish will be about 5 inches in June. About 5,000 of these fish will be stocked into Little Dell Reservoir and the remainder to Sixth Water Creek.

- **Mountain Dell Creek** - Work with local chapter of Trout Unlimited (Stonefly Society) to install streamside incubators.

  HQI and fish population surveys. Recently fmgerling cutthroat trout were stocked into the stream to supplement the existing population. Surveys will provide information regarding success of recent stocking.

- **Red Butte Creek** - Monitor cutthroat spawning run from Red Butte Reservoir. Assist fish to get above the two barriers in the lower reaches, if necessary, to provide spawning adults access to the upper stream reaches. Contacts will be made with the USFS to evaluate feasibility of removing two barriers previously mentioned. This will likely require NEPA.

- **Lambs Creek** - Habitat Quality Index and fish population monitoring.

  Work with local chapter of Trout Unlimited (Stonefly Society) to install streamside incubators.

- **Burr Fork** - HQI, fish population surveys, and genetic sample. Burr Fork is a tributary to Emigration Creek. During November 2002, we sampled a section of Burr Fork to obtain fishery data to comment on a stream alteration permit. Fish were not abundant in the

section of stream sampled, however they appear to be native Bonneville cutthroat. Pure strain Bonneville cutthroat do exist in Emigration Creek. There are many culverts in Burr Fork that prevent upstream migration. Depending on surveys, Burr Fork may be a potential site for expanding Bonneville cutthroat trout.

- **Little North Willow** - HQI and fish population surveys. A wild fire occurred in the Little North Willow drainage in 2002. Fish population surveys will assist to quantify the effect, if any, the fires had on the fishery.

- **Right Fork Clear Creek** - Population monitoring. Need 20 fin clips to complete sample to send out for genetic analysis.

- **Cottonwood Creek** - Population monitoring. Need 20 fin clips to complete sample to send out for genetic analysis.

- **Dry Creek (Bell Canyon)** - Population monitoring. Need 14 fin clips to complete sample to send out for genetic analysis.

- **Right Fork Peteetneet Creek** - Population monitoring. Need 20 fin clips to complete sample to send out for genetic analysis.

Utah Lake/Provo River Drainage:

- **Sixth Water Creek** - In January of 2003, three thousand Bonneville cutthroat trout, averaging 85 mm in length, were stocked in Sixth Water Creek. Fish were marked with an adipose fin clip for future identification. Fish population surveys will be conducted in June and September (after cutthroat trout spawning and before brown trout spawning) of 2003 to evaluate survivorship, growth rates, distribution and reproduction potential of Bonneville cutthroat trout introduced in 1998, 2001,2002 and 2003.

  A pilot project evaluating the feasibility of placing four enclosures in Sixth Water Creek to study the effects of adult brown trout on young of year Bonneville cutthroat trout will be undertaken in August and September of 2003. Two enclosures will consist of adult brown trout and young of year Bonneville cutthroat trout. The other two enclosures will contain only young of year Bonneville cutthroat trout. Each study will last one week and repeated four times if possible. Enclosures used for each treatment will be randomly determined. Results from this study will be the basis for additional tests in 2004 if possible.

- **Bench Creek** - HQI and fish population monitoring.

West Desert Management Unit

- **Basin Creek** - Population monitoring, evaluate success of recent transplant and document reproduction. Basin Creek was treated in September and October 2002 to remove all rainbow trout and rainbow/cutthroat trout hybrids. Adult cutthroat trout were stocked into Basin Creek two weeks following the treatment.

- **Red Cedar Creek** - Population monitoring. Evaluate success of reintroduction and document reproduction. Fish were re-introduced in 2001.

- **Indian Farms Creek** - Population monitoring, evaluate success of recent transplant and document reproduction. Indian Farms Creek was treated in September and October 2002 to remove all rainbow trout and rainbow/cutthroat trout hybrids. Adult cutthroat trout were stocked into Indian Farms Creek two weeks following the treatment. The treatment to remove fish from Indian Farms and Basin creeks were the final treatments to remove rainbow trout from the east slope of the Deep Creek Mountain Range.

- **Granite Creek** - Granite Creek was chemically treated in 1999. Population surveys will be conducted to determine success of Bonneville cutthroat trout reintroductions and to determine density and biomass. It is anticipated that the population in Granite Creek should reach carrying capacity in two - three years.

- **Douglass Pond** - Continue with disease certification. Collect and incubate eggs from fish in this pond system, rear them in one of the ponds and stock them into Red Cedar, Indian Farms and Basin creeks. The landowner started feeding fish in May 2001 and the majority of the fish appear to be taking feed and have grown considerably. It is anticipated that the number of eggs produced by the cutthroat may more than double since the fish are on feed. If we are able to collect more than 1,000 eggs we will install streamside incubators on Indian Farms and Basin creeks to put additional eggs there. Because of the remoteness of the area, the Douglass's have agreed to check streamside incubators on a regular basis, if we decided to go this route.

Bonneville cutthroat trout – NRO planned activities, 2003

Northern GMU
Cache Valley subunit

Stream surveys
Complete stream surveys and genetic collection from Davenport Creek and its' tributaries.

Rich County subunit

Stream surveys
Complete stream surveys and genetic collections in the headwaters of Otter Creek, Randolph Creek, and Little Creek. These streams will complete initial survey efforts in this subunit.

Dip and Meachum on Deseret Land and Livestock will be evaluated to determine the success of the BCT transplants in the 1990's.

Upper Bear/Unita Mountains subunit

Stream surveys
Complete stream surveys and genetic collection in the Bear River, upstream from the Wyoming border.
Complete stream surveys and genetic collections in the lower reaches of the West Fork of the Bear River, East Fork of the Bear River, Mill Creek, Stillwater Fork, and Hayden Fork.

2003 UDWR Work Plan Southern GMU
BONNEVILLE CUTTHROAT TROUT

1. Wild brood stock spawning and egg-take at Manning Meadow Reservoir (VI 402).

2. Complete report for stream inventories completed in the Salina Creek (VI AA 200) drainage.

3. Complete stream survey report for all Southern GMU populations of Bonneville cutthroat trout. This project was initiated in 2001 and field work was completed in 2002. The objective was to survey population abundance at specific sites and delineate upstream and downstream distribution of Bonneville cutthroat trout in all inhabited streams. Data has been compared to a similar survey conducted in 1994-1995, thus evaluating restoration progress since 1995. The report is nearly complete.

4. Initiate NEPA on new restoration projects. This will include Scoping and analysis of Pole Creek (VI AA 360 D 01), North Creek (VI AB 070), Fish Creek (VI AA 360 E), Picnic Creek (VI AA 360 E 02) and Shingle Creek (VI AA 360 F) as possible restoration sites for Bonneville cutthroat trout. Cottonwood Creek (VI AA 510 L) and Deer Creek (VI AA 510 J) will be included in the plan to satisfy State law and County requirements for re-introduction of Bonneville cutthroat trout. Populations of nonnative cutthroat trout were present in these latter two streams before the fire.

5. Continue collections of genetic samples when data can be evaluated. Evaluations need to be completed for Salina Creek (VI AA 200) and Beaver Creek (VI AA 200 G).

6. Complete the second of two consecutive year rotenone treatments of Robs Reservoir (VI 345) and Center Creek (VI AA 510 I), prior to re-introduction of Bonneville cutthroat trout.

7. Introduce Bonneville cutthroat trout into Robs Reservoir and Center Creek in late fall after the final rotenone treatment. Bonneville cutthroat trout produced from the Manning Meadow brood stock will be used for the re-introduction.

8. Evaluate fire and drought losses of Bonneville cutthroat trout that potentially occurred during 2002 and make plans for re-introductions, if needed. Any remnant populations that might have been lost can be replaced with Bonneville cutthroat trout from exactly the same gene pool. This is possible because of past conservation efforts to replicate important remnant populations of native trout. Streams that need to be evaluated include South Ash Creek (I AA 060 A) and tributaries, Leap Creek (I AA 060 B), Water Canyon Creek (I AA 020 C 01), Reservoir Canyon Creek (I AA 020 C 02 A), Cottonwood Creek (VI AA 510 L), Deer Creek (VI AA 510 J), and Deep Creek (VI AA 510 G 01).

9. Complete disease certification and approvals to use Bonneville cutthroat trout from Leeds Creek (VI AA 040) for transplant to other areas. This source of Bonneville cutthroat trout will be used to replace losses of native trout from fire and drought losses that might have occurred in the Virgin River drainage.

10. Spot-check Tenmile Creek to see if 2002-introduced Bonneville cutthroat trout reproduced in spring of 2003. As a result of the Sanford fire, all remaining fish from the Deep Creek population of Bonneville cutthroat trout were moved into Tenmile Creek to preserve the gene pool. Native trout will likely NOT be moved back into Deep Creek until fish have naturally

spawned at least 2 years in Tenmile Creek.

Wasatch-Cache National Forest
Bonneville Cutthroat Trout

Paul Cowley & Paul Chase
11 March **2003**

Fish Related Projects

(Bear River GMU)

1. Fire impacts monitoring in the East Fork Bear and the Mill Creek Drainage, Summit County.

2. Repeating surveys conducted back in **1993** in the Headwater of the Bear River for Forest Plan Monitoring. And improve coverage. Streams to be surveyed:
   - West Fork Bear
   - Humpy Creek
   - Meadow Creek
   - Mill City Creek
   - Gold Hill Creek
   - Hayden Fork
   - Main Fork
   - Stillwater Fork
   - Ostler Fork
   - West Basin
   - East Fork Bear
   - Mill Creek
   - N.F. Mill Creek
   - Carter Creek

3. North Rich (upper Saddle Creek) Allotment being revised. Potentially some additional fencing around the stream and a number of springs to provide better toad and fish habitat.

4. Fish survey on White Pine Creek and Little Bear Creek. Potential Wild & Scenic Rivers

5. Fencing of springs and riparian area on Wheeler Creek (Woodruff Drainage)

6. Begin revision of Little Bear (Logan River) Allotment.

(Northern Bonneville GMU)

7. Additional survey work conducted up Mill Creek, Salt Lake County, with Central Region

None Fish Related Projects

(Bear River GMU)

1. Travel Plan implementation for Evanston-Mt. View Districts "closed unless signed open". We currently have an appeal on this NEPA decision

2. Purchase of lands in the Blacks Fork and Mill Creek drainages.

3. Salvage of fire killed trees Mill Creek and the East Fork of the Bear River

(Northern Bonneville GMU)

4. Alta Ski Resort Master Development Plan being revised

5. Prescribed burns in the Beaver Creek and Soapstone Areas (Summit County), South Fork Ogden Area, Fuels Treatment Wasatch-Front (to be determined)

6. Removal and possibly spraying of pesticide in campgrounds along the Mirror Lake Highway.

Forest Planning: The decision should be out in within the next few weeks.

2003 Utah Bureau of Land Management Proposed Cutthroat Trout Activities

Utah State Office

-Assist in the development of the habitat management section of the Bonneville Cutthroat Trout Conservation Agreement. (BCT)

Fillmore FO

- Conference on water rights for Buck Douglas' BCT brood pond. (BCT) Western

Salt Lake FO

- Implement and monitor 5" stubble height stipulations for riparian areas. (BCT)
- Implement and enforce "no grazing" in portion of Laketown Canyon. (BCT) Bear Lake
- Macro-invertebrate collection and analysis in Laketown Creek. (BCT)

Grand Staircase /Escalante N.M.

- Monitoring habitat conditions on the Escalante River. (CRCT)

Cedar City FO

- Stream habitat and macro-invertebrate surveys on Birch Creek. (BCT)

Vernal FO

- Temperature monitoring and reread photo plots in Gorge Creek to document impacts from last years wildfire. (CRCT)
- Habitat surveys on Willow and Nine Mile Creeks (CRCT)
- Document flow and sediment impacts to Willow Creek from the Rattle Complex. (CRCT)

Monticello FO

- Habitat monitoring on Indian Creek (CRCT)

Kanab FO

- Habitat monitoring on Three-mile Creek. (BCT)
- Upper Sevier River cooperative management. (BCT)